

AFM/RFM SUPPLEMENT FORMAT

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Introduction

- The applicant is responsible for preparing an Aircraft Flight Manual Supplement(AFMS/RFMS), when the aircraft has been modified such that Limitations, Procedures, or Performance, as outlined in the basic AFM have been changed.

As in the basic AFM or (Pilot Handbook--AFM), the purpose of the Supplement is to provide the flight crew with clear, concise, and technically accurate information necessary for the safe operation of the subject equipment. The supplemental information must be clearly referenced to the basic manual.

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Flight Manual Supplement Standardization

Preparation Material

- The applicant should be aware of the **three variations in AFM's** :
1. **Placard Aircraft** - Some pre-March 1, 1979, aircraft such as small airplanes under 6000 lbs did not require FAA approved flight manuals, only placards. However, Beechcraft & Piper, did provide FAA Approved AFM's. Any airplane or rotorcraft, regardless of T.C. basis, delivered after March 1, 1979, requires an AFM or RFM be provided in accordance with FAR 21.5 ~ (Supplemental AFM/RFM's)
 2. **FAA Approved Aircraft Flight Manual** - This is an FAA signed (legal) document that incorporates Limitations, Emergency Procedures, Normal Procedures and Performance. Some manufacturers provided additional information for the pilot in what was called a "Pilot Operating Handbook" (POH) and/or owners manual. A POH and/or owners manual are not FAA-approved documents.

Preparation Material (Cont'd)

3. **POH/FAA Approved Aircraft Flight Manual**-This document was developed by industry (GAMA) and the FAA as a method of combining the FAA Approved Aircraft Flight Manual and the Pilot Operating Handbook. The portions of the manual that are approved by the FAA are those portions that cover Sec.s (2) Limitations, (3)Emergency Procedures,(4) Normal Procedures and (5) FAA Performance requirements. The total POH/FAA Approved Aircraft Flight Manual may consist of nine or more sections and generally are in the GAMA specification format or equivalent.
Example: Section 6 - Weight & Balance, 7 - Systems Descriptions, 8 - Maintenance & Handling & 9-Additional Performance
NOTE- Normally, following the format of the basic FAA approved AFM/RFM as an example will keep the applicant within our requirements

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Flight Manual Supplement Standardization

Preparation Material (Cont'd)

- The FAA Approved Aircraft Flight Manual Supplement and/or Supplemental AFM are the legal property of the current STC or 337 applicant/owner and therefore must be published under the name of the current applicant/owner for an STC or 337 approval.
- Subsequent revisions to an AFM/RFM can only be submitted for approval by the current owner/holder of the STC or 337.
- Important- The owner's name is that which is shown on the registration certificate. (Awaiting official word from Wash. H.Q.)

(supplement's Name)
(supplement's Abbreviation)

Supplement No. (supplement's Number)

FAA APPROVED
(AIRCRAFT) FLIGHT MANUAL SUPPLEMENT
TO THE
(MAKE & MODEL)
(AIRCRAFT) FLIGHT MANUAL

(STC or FAA Form 337 SUBJECT TITLE)
Aircraft S/N _____ Aircraft Reg. No. _____

This supplement must be attached to the FAA approved (Name) Flight Manual, (Name) [A/R]FM issue date or document number when the aircraft is modified by installation of (type of modification or equipment installed) in accordance with (STC No. or FAA Form 337 approval date).

All information contained herein supplements or supersedes the data contained only in the owner listed items. See limitations, procedures, and performance information not contained in this supplement except the data (Name) Flight Manual.

FAA Approved _____
Manager, Flight Test Branch, ANM-160L
Federal Aviation Administration
Los Angeles Aircraft Certification Office
Transport Airplane Directorate

Date _____

Figure 1. Format Guide for Aircraft Flight Manual Supplements - Title Pages

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Flight Manual Supplement Standardization

[A]FM SUPPLEMENT TO (MAKE & MODEL) [A]FM [A]FM-160L				
Supplement No. [A]FM-160L				
LOG OF PAGES				
Rev. No.	Page No.	Date	Description	FAA APPROVED
Original	Title (All) Log Contents 1-1 2-1 3-1 4-1	(FAA AFMS App. Date)	Complete Supplement	Mgr., Flt. Test Br., ANM-160L FAA, Los Angeles ACO Transport Airplane Directorate Date
1 (A)	* Log * 1-1 * 4-1		Describe Basic Changes	Mgr., Flt. Test Br., ANM-160L FAA Los Angeles ACO Transport Airplane Directorate Date

Revised pages marked with "*" symbol

(Sup. Page No.)

Figure 2. Format Guide for Aircraft Flight Manual Supplements - Log of Pages

[A]FM SUPPLEMENT TO (MAKE & MODEL) [A]FM [A]FM-160L		
Supplement No. [A]FM-160L		
TABLE OF CONTENTS (Optional)		
SECTION	TITLE	PAGE
2.	Limitations.....	2 - 1
3.	Emergency Procedures.....	3 - 1
4.	Normal Procedures.....	4 - 1
5.	Performance.....	5 - 1
FAA Approved _____ (Sup. Page No.)		

Figure 3. Format Guide for Aircraft Flight Manual Supplements - Table of Contents

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Flight Manual Supplement Standardization

<u> </u>	[A]FM SUPPLEMENT TO (MAKE & MODEL) [A]FM <u> </u>
Supplement No. <u> </u>	
	(Initials) (Date)
	(Initials) (Date)
(Initials) (Date)	
	(Initials) (Date)
FAA Approved _____	(Signature) (Date)

Figure 4. Format Guide for Aircraft Flight Manual Supplements - Text Pages (Typical)

<p>FEDERAL AVIATION ADMINISTRATION Los Angeles Aircraft Certification Office January 12, 1989 Flight Test Branch, ANM-160L Aircraft Flight Manuals and Aircraft Flight Manual Supplements <u>Signature Block Formats</u></p>
<p>The following signature block should be used on all Flight Manuals. Revisions, and Supplements. Manager, Flight Test Branch, ANM-160L Federal Aviation Administration Los Angeles Aircraft Certification Office Transport Airplane Directorate</p> <p>When space is limited an acceptable abbreviated version could be used. Mgr., Flt. Test Branch, ANM-160L Los Angeles Aircraft Cert. Office FAA, Transport Airplane Directorate</p> <p>On the log of revisions page, even more shrinkage may be used. Mgr., Flt. Test Br., ANM-160L FAA, Los Angeles ACO Transport Airplane Directorate</p> <p>Reasonable variations from the above examples that preserve the elements are acceptable.</p>